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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/845,667

DATE: 12/06/2001
TIME: 15:33:32

Input Set : **A:\es.txt**
Output Set: **N:\CRF3\12062001\I845667.raw**

SEQUENCE LISTING

ENTERED

```
 4  (1) GENERAL INFORMATION:
 6        (i) APPLICANT: Cohen, Philip
 7                       Alessi, Dario
 8                       Cross, Darren
10       (ii) TITLE OF INVENTION: CONTROL OF PROTEIN SYNTHESIS, AND SCREENING METHOD
11                            FOR AGENTS
13      (iii) NUMBER OF SEQUENCES: 58
15       (iv) CORRESPONDENCE ADDRESS:
16            (A) ADDRESSEE: Braman & Rogalskyj, LLP
17            (B) STREET: P.O. Box 352
18            (C) CITY: Canandaigua
19            (D) STATE: New York
20            (E) COUNTRY: USA
21            (F) ZIP: 14424-0352
23        (v) COMPUTER READABLE FORM:
24            (A) MEDIUM TYPE: Floppy disk
25            (B) COMPUTER: IBM PC compatible
26            (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27            (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
29       (vi) CURRENT APPLICATION DATA:
C--> 30       (A) APPLICATION NUMBER: US/09/845,667
C--> 31       (B) FILING DATE: 30-Apr-2001
32            (C) CLASSIFICATION:
50      (vii) PRIOR APPLICATION DATA:
35            (A) APPLICATION NUMBER: US 09/091,763
36            (B) FILING DATE: 19-JUN-1998
39            (A) APPLICATION NUMBER: PCT/GB96/03186
40            (B) FILING DATE: 20-DEC-1996
43            (A) APPLICATION NUMBER: GB 9526083.2
44            (B) FILING DATE: 20-DEC-1995
47            (A) APPLICATION NUMBER: GB 9610272.8
48            (B) FILING DATE: 16-MAY-1996
51            (A) APPLICATION NUMBER: GB 9615066.9
52            (B) FILING DATE: 18-JUL-1996
54     (viii) ATTORNEY/AGENT INFORMATION:
55            (A) NAME: Braman, Susan J
56            (B) REGISTRATION NUMBER: 34,103
57            (C) REFERENCE/DOCKET NUMBER: 002.00041
59       (ix) TELECOMMUNICATION INFORMATION:
60            (A) TELEPHONE: 716-393-3002
61            (B) TELEFAX: 716-393-3001
63  (2) INFORMATION FOR SEQ ID NO: 1:
65        (i) SEQUENCE CHARACTERISTICS:
66            (A) LENGTH: 11 amino acids
67            (B) TYPE: amino acid
68            (C) STRANDEDNESS: single
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```
69              (D) TOPOLOGY: linear
71         (ii) MOLECULE TYPE: peptide
75         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
77  Gly Arg Pro Arg Thr Ser Ser Phe Ala Glu Gly
78  1               5                   10
80  (2) INFORMATION FOR SEQ ID NO: 2:
82         (i) SEQUENCE CHARACTERISTICS:
83              (A) LENGTH: 7 amino acids
84              (B) TYPE: amino acid
85              (C) STRANDEDNESS: single
86              (D) TOPOLOGY: linear
88         (ii) MOLECULE TYPE: peptide
92         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
94  Arg Pro Arg Ala Ala Thr Cys
95  1               5
97  (2) INFORMATION FOR SEQ ID NO: 3:
99         (i) SEQUENCE CHARACTERISTICS:
100             (A) LENGTH: 12 amino acids
101             (B) TYPE: amino acid
102             (C) STRANDEDNESS: single
103             (D) TOPOLOGY: linear
105        (ii) MOLECULE TYPE: peptide
109        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
112 Phe Pro Gln Phe Ser Tyr Ser Ala Ser Ser Thr Ala
113 1               5                   10
115 (2) INFORMATION FOR SEQ ID NO: 4:
117        (i) SEQUENCE CHARACTERISTICS:
118             (A) LENGTH: 7 amino acids
119             (B) TYPE: amino acid
120             (C) STRANDEDNESS: single
121             (D) TOPOLOGY: linear
123        (ii) MOLECULE TYPE: peptide
125        (ix) FEATURE:
126             (A) NAME/KEY: Peptide
127             (B) LOCATION:2
128             (D) OTHER INFORMATION:/product= "OTHER"
129 /label= Xaa
130 /note= "CAN BE ANY AMINO ACID"
132        (ix) FEATURE:
133             (A) NAME/KEY: Peptide
134             (B) LOCATION:group(4, 5)
135             (D) OTHER INFORMATION:/product= "OTHER"
136 /label= Xaa
137 /note= "CAN BE ANY AMINO ACID,
138 INCLUDING SMALL AMINO
139 ACIDS, OTHER THAN GLYCINE"
141        (ix) FEATURE:
142             (A) NAME/KEY: Peptide
143             (B) LOCATION:7
```

```
144              (D) OTHER INFORMATION:/product= "OTHER"
145 /label= Xaa
146 /note= "Xaa IS A LARGE
147 HYDROPHOBIC RESIDUE SUCH
148 AS LEU OR PHE"
150      (ix) FEATURE:
151          (A) NAME/KEY: Peptide
152          (B) LOCATION:6
153          (D) OTHER INFORMATION:/product= "OTHER"
154 /label= Xaa
155 /note= "Xaa MAY BE SERINE OR
156 THREONINE"
159      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
W--> 161 Arg Xaa Arg Xaa Xaa Xaa Xaa
162 1                5
164 (2) INFORMATION FOR SEQ ID NO: 5:
166      (i) SEQUENCE CHARACTERISTICS:
167          (A) LENGTH: 7 amino acids
168          (B) TYPE: amino acid
169          (C) STRANDEDNESS: single
170          (D) TOPOLOGY: linear
172     (ii) MOLECULE TYPE: peptide
174     (ix) FEATURE:
175          (A) NAME/KEY: Peptide
176          (B) LOCATION:group(2, 4, 5)
177          (D) OTHER INFORMATION:/product= "OTHER"
178 /label= Xaa
179 /note= "Xaa IS ANY AMINO ACID"
181     (ix) FEATURE:
182          (A) NAME/KEY: Peptide
183          (B) LOCATION:7
184          (D) OTHER INFORMATION:/product= "OTHER"
185 /label= Xaa
186 /note= "Xaa IS A LARGE
187 HYDROPHOBIC RESIDUE"
190      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
W--> 192 Arg Xaa Arg Xaa Xaa Ser Xaa
193 1                5
195 (2) INFORMATION FOR SEQ ID NO: 6:
197      (i) SEQUENCE CHARACTERISTICS:
198          (A) LENGTH: 7 amino acids
199          (B) TYPE: amino acid
200          (C) STRANDEDNESS: single
201          (D) TOPOLOGY: linear
203     (ii) MOLECULE TYPE: peptide
207      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
209 Arg Pro Arg Ala Ala Thr Phe
210 1                5
212 (2) INFORMATION FOR SEQ ID NO: 7:
```

RAW SEQUENCE LISTING
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Input Set : A:\es.txt
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```
214        (i) SEQUENCE CHARACTERISTICS:
215             (A) LENGTH: 7 amino acids
216             (B) TYPE: amino acid
217             (C) STRANDEDNESS: single
218             (D) TOPOLOGY: linear
220       (ii) MOLECULE TYPE: peptide
224       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
226 Arg Ser Arg Lys Glu Ser Tyr
227 1                 5
229 (2) INFORMATION FOR SEQ ID NO: 8:
231        (i) SEQUENCE CHARACTERISTICS:
232             (A) LENGTH: 7 amino acids
233             (B) TYPE: amino acid
234             (C) STRANDEDNESS: single
235             (D) TOPOLOGY: linear
237       (ii) MOLECULE TYPE: peptide
239       (ix) FEATURE:
240             (A) NAME/KEY: Peptide
241             (B) LOCATION:group(2, 4, 5)
242             (D) OTHER INFORMATION:/product= "OTHER"
243 /label= Xaa
244 /note= "Xaa CAN BE ANY AMINO
245 ACID"
247       (ix) FEATURE:
248             (A) NAME/KEY: Peptide
249             (B) LOCATION:7
250             (D) OTHER INFORMATION:/product= "OTHER"
251 /label= Xaa
252 /note= "Xaa IS A LARGE
253 HYDROPHOBIC RESIDUE"
256       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
258 Arg Xaa Arg Xaa Xaa Ser Xaa
259 1                 5
261 (2) INFORMATION FOR SEQ ID NO: 9:
263        (i) SEQUENCE CHARACTERISTICS:
264             (A) LENGTH: 7 amino acids
265             (B) TYPE: amino acid
266             (C) STRANDEDNESS: single
267             (D) TOPOLOGY: linear
269       (ii) MOLECULE TYPE: peptide
273       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
275 Arg Pro Arg Thr Ser Ser Phe
276 1                 5
278 (2) INFORMATION FOR SEQ ID NO: 10:
280        (i) SEQUENCE CHARACTERISTICS:
281             (A) LENGTH: 7 amino acids
282             (B) TYPE: amino acid
283             (C) STRANDEDNESS: single
284             (D) TOPOLOGY: linear
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W--> 258 at line 258

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286        (ii) MOLECULE TYPE: peptide
288        (ix) FEATURE:
289             (A) NAME/KEY: Peptide
290             (B) LOCATION:group(4, 5)
291             (D) OTHER INFORMATION:/product= "OTHER"
292 /label= Xaa
293 /note= "Xaa IS ANY SMALL AMINO
294 ACID EXCEPT GLYCINE"
296        (ix) FEATURE:
297             (A) NAME/KEY: Peptide
298             (B) LOCATION:7
299             (D) OTHER INFORMATION:/product= "OTHER"
300 /label= Xaa
301 /note= "Xaa IS ANY LARGE
302 HYDROPHOBIC RESIDUE"
304        (ix) FEATURE:
305             (A) NAME/KEY: Peptide
306             (B) LOCATION:2
307             (D) OTHER INFORMATION:/product= "OTHER"
308 /label= Xaa
309 /note= "Xaa IS ANY AMINO ACID"
312        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
W--> 314 Arg Xaa Arg Xaa Xaa Ser Xaa
315 1                 5
317 (2) INFORMATION FOR SEQ ID NO: 11:
319        (i) SEQUENCE CHARACTERISTICS:
320             (A) LENGTH: 6 amino acids
321             (B) TYPE: amino acid
322             (C) STRANDEDNESS: single
323             (D) TOPOLOGY: linear
325        (ii) MOLECULE TYPE: peptide
327        (ix) FEATURE:
328             (A) NAME/KEY: Peptide
329             (B) LOCATION:group(2, 3)
330             (D) OTHER INFORMATION:/product= "OTHER"
331 /label= Xaa
332 /note= "Xaa CAN BE ANY AMINO
333 ACID"
335        (ix) FEATURE:
336             (A) NAME/KEY: Peptide
337             (B) LOCATION:group(4, 6)
338             (D) OTHER INFORMATION:/product= "OTHER"
339 /label= Xaa
340 /note= "Xaa IS PHE OR TYR"
342        (ix) FEATURE:
343             (A) NAME/KEY: Peptide
344             (B) LOCATION:5
345             (D) OTHER INFORMATION:/product= "OTHER"
346 /label= Xaa
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/845,667

DATE: 12/06/2001
TIME: 15:33:33

Input Set : **A:\es.txt**
Output Set: **N:\CRF3\12062001\I845667.raw**

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:1136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58